

SYSTEM AND METHOD FOR FAILSAFE DISPLAY OF FULL SCREEN HIGH FREQUENCY IMAGES ON A FLAT PANEL WITHOUT A FRAME BUFFER

ABSTRACT

5 The invention relates to a system and method for visually displaying data and, more particularly, to a system and method for displaying full screen high frequency data on a flat panel without using a frame buffer that would otherwise not be displayed. The system and method displays a full screen, color, image that allows a user to adjust its computer back to a correct setting. That is, to exit the high frequency mode that produced the high frequency
10 digital data in the first instance without having to connect a CRT, reboot, or the like. The system and method drives the panel's rows and columns so as to display interlaced data, thereby reducing the effective vertical frequency of the data. Because the human eye is incapable of perceiving the blank lines, the screen appears complete just as it does in the normal mode.

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